

[--- Unable To Translate Graphic ---]

18 May 1995  
WPNSSB

DPMLP-A  
INDICATOR, DEW POINT

**1. GENERAL.** This procurement requires a low-pressure dewpoint indicator to measure the moisture content of compressed air and gas.

**2. CLASSIFICATION.** Type II, Class 5, Style D, and Color R in accordance with MIL-T-28800 for shipboard applications with the following exceptions:

a. The operating temperature range is limited to 5 to 50 degrees C.

**3. OPERATIONAL REQUIREMENTS.** The equipment shall measure and indicate the dew and frost points of compressed air and gas within the minimum specifications set forth below.

3.1 Sample pressure. 1 to 150 psig.

3.2 Dew and frost point measurement range. -50 to 50 degrees F.

3.3 Accuracy of indication.  $\pm 5$  degrees F.

3.4 Digital Display. 3\_ digits.

**4. GENERAL REQUIREMENTS.**

**4.1 Power source.** MIL-T-28800 nominal power source requirements are invoked. Maximum power consumption: 2W.

**4.2 Weight.** 20 kg (44 lb) maximum.

**4.3 Lithium batteries.** Per MIL-T-28800, lithium batteries are prohibited without prior authorization. A request for approval for the use of lithium batteries, including those encapsulated in integrated circuits, shall be submitted to the procuring activity at the time of submission of proposals. Approval shall apply only to the specific model proposed.